



Bedford Police Department
Addition and Alterations

EXECUTIVE SUMMARY

JULY 12, 2018

At a Glance:

Original Contract:

Contract	Contractor	Contract Value
General Contractor	Verdi Construction	\$3,119,024.00
Plumbing Contractor	Mengler Mechanical	\$323,000.00
Mechanical Contractor	Vamco Sheet metal	\$372,049.00
Electrical Contractor	Foremost Electrical	\$319,800.00
Total Cumulative Contract Value		\$4,133,873.00

Change Order Log:

Contractor	C. O. #	Description	Value
Verdi	C.O.#1	Abatement of found Asbestos Police Station:	\$45,944.04
Verdi	C.O.#2	Abatement of found Asbestos Milk Building:	\$41,538.07
Verdi	C.O.#3	Repair south-facing CMU Wall @ Milk Building:	\$35,464.11
Verdi	C.O.#4	Infill voids masonry wall @ Main Building:	\$11,477.06
Verdi	C.O.#5	Abatement on underground corrugated pipe:	\$34,637.31
Verdi	C.O.#6	Abatement of pipes inside corrugated pipe:	\$9,425.60
Verdi	C.O.#7	New drainage layout for Maintenance Garage:	\$18,227.27
Verdi	C.O.#8	Contaminated soil removal:	\$138,403.05
Verdi	C.O.#9	Remove oil water separator	\$2,894.82
Verdi	C.O.#10	Under pin footings/ repair crack M. Garage wall	\$11,441.48
Verdi	C.O.#11	Shoring rental for Maintenance Garage	\$3,159.43
Verdi	C.O.#12	Parking lot "D" box repair	\$2,748.25
Verdi	C.O.#13	Waste oil storage tank	\$10,956.05
Verdi	C.O.#14	Additional door strikes	\$11,721.40
Verdi	C.O.#15	Masonry infill lintel preparation	\$19,597.08
Verdi	C.O.#16	Floor leveling	\$37,037.33
Verdi	C.O.#17	Heat for floor leveling	\$9,939.77
Verdi	C.O.#18	Remove and replace concrete floor	\$178,314.36
Verdi	C.O.#19	Floor leveling credit	(\$37,037.33)
Verdi	C.O.#20	Dig up tank lid found under Milk Building	\$1,693.21
Verdi	C.O.#21	Four Masonry pre-cast lentils	\$1,449.02
Verdi	C.O.#22	Furnish and install AVB	\$25,766.44
Verdi	C.O.#23	Lentil detail @ existing column line 15	\$7,331.15
Verdi	C.O. #24	Winter conditions	\$29,562.00
Verdi	C.O. #25	Unsuitable Material under slab	\$7,146.53
Verdi	C.O. #26	Removal of subsurface Concrete	\$7,415.92
Verdi	C.O. #27	Steel Mods. Column VS Beams	\$18,045.02

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Verdi	C.O. #28	Size Increase Overhead Door	\$1,288.76
Verdi	C.O. #29	Increase size Doors Main Entry	\$1,911.12
Verdi	C.O. #30	Reinforce CMU Wall Milk Building	\$4,867.97
Verdi	C.O. #31	Ammo Room Modifications	\$3,517.54
Verdi	C.O. #32	Site work Credit for CO #13	(\$6,570.93)
Verdi	C.O. #33	Projector screen	\$6,322.99
Verdi	C.O. #34	Entry sign	\$5,992.62
Verdi	C.O. #35	Monitoring well caps	\$2,160.93
Verdi	C.O. #36	Additional framing and sheetrock	\$ 28,684.14
Verdi	C.O. #37	T&M storm Drain Occluded line	\$12,579.30
Verdi	C.O. #38	Replace asphalt South Parking lot	\$34,362.88
Verdi		Removal of Terra Cotta Tile (approved, pending)	\$3,165.83
		Total Verdi	\$782,580.94

Contractor	C. O. #	Description	Value
Foremost	C. O. # 1	Install New Septic Control Panel	\$8,521.33
Foremost	C. O. # 2	Install Dedicated Circuit for Equipment	\$7,182.62
Foremost	C. O. # 3	Install Exterior Light Fixtures	\$26,635.87
Foremost	C. O. # 4	Grounding, Tem Power, Replace Damaged Conduit	\$8,406.80
Foremost	C. O. # 5	Install Empty Conduit Drops	\$20,901.48
Foremost	C. O. # 6	Main Distribution Panel	\$7,943.15
Foremost	C. O. # 7	Temporary Electric Heat	\$1,470.93
		Total Foremost	\$81,062.18

Contractor	C. O. #	Description	Value
Mengler	C.O.#1	Installation of additional concrete	\$921.00
Mengler	C.O.#2	Equipment hook up, piping, and accessory's	\$3,345.97
		Total Mengler	\$4,267.21

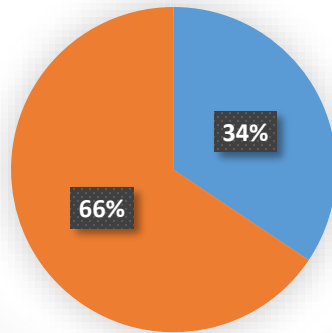
		Total Accumulative C.O. value:	\$867,910.33
		Total Contingency:	\$456,836.00
		Remaining Contingency:	(\$411,072.33)

PROJECT OVERVIEW

Current contract value:

Contractor	Contract Amount	C.O.# Add	Contract & C.O. Value	Paid to date	Value Remaining
Verdi Construction	\$3,119,024	#1 --> #38	\$3,986,934.33	\$2,672,145.24	\$1,314,789.09
Mengler Mechanical	\$323,000.00	#1,#2	\$327,267.21	\$233,625.18	\$93,642.03
Vamco Sheet metal	\$372,048.00		\$372,048.00	\$272,130.35	\$99,917.65
Foremost Electrical	\$319,800.00	#1 --> #5	\$400,862.18	\$159,496.45	\$241,365.73
Total :	\$4,133,873.00		\$5,087,111.72	\$3,337,397.22	\$1,749,714.50

Total Contract and Change Order Value to Date \$5,087,111.72



■ Remaining Accumulated Contract Value: \$1,749,714.5
■ Paid to Date: \$3,337,397.22

Verdi: The General Contractor

In the last few months the General Contractor, Verdi Construction, has finished the exterior siding, brick veneer, and most of the roof. They have finished with the exterior demolition and have installed all of the curbing. Verdi has removed the island and curbing in the Town Court parking lot, regraded, and repaved the area. They have installed the pillars and the intermediate fence posts of the security fence on the west and east sides. They have installed the fence posts on the north side and the remainder of the fence will be installed after the pavement is installed. They have installed all



underground utility's and repaired existing drainage piping and structures at the Town's request. They have moved the septic control panel to its permanent position on the west side of the building and have installed bollards around the generator and the gas meter.

Verdi has installed the blue stone landing, steps, and concrete sidewalks at the entrance of the building and they have installed all of the copper gutters and leaders.

Verdi Construction has been working to finish the framing and sheet rock on the inside the building. They installed the blocking for the Departments equipment and have framed additional walls not in the original contract. They have installed lateral wall bracing, thermal insulation in the exterior walls and ceiling, and sound attenuating insulation in all the interior walls. The interior door frames were installed as well as sectional garage doors. They have installed the sheet rock and have spackled and primed the walls. Verdi has installed the ceiling frame and hangers for the Acoustical Ceiling Panels grid and have started to install the ceiling panel. Verdi has started to layout and install tile in the showers and bathrooms and have painted the IT and Mechanical room floors.



Vamco: HVAC Contractor

Vamco Construction, has been on site to install curbing for the HVAC units on the roof. They have installed the five existing and two new HVAC units on the roof. They have installed curbing for the power roof vents and the roof vents. Vamco has installed supply and returns ducting to all units, and has installed most of the ducting throughout the building. Vamco has insulated most of the ducting installed, and installed the rest of the fire dampers around the Fire Safety Corridor. They have installed flexible ducting to be terminated in the ceiling grid registers.



Mengler Mechanical: Plumbing Contractor

The Plumbing Contractor, Mengler Mechanical, has installed all the cast iron drains, waste and vent piping. They have installed all the copper supply lines to the fixtures and have installed all the drains in the floors. Mengler has insulated the pipes in the walls and has passed all of their inspections. They have installed the water meter and the gas manifold.



Foremost Electric: Electrical Contractor

The Electrical Contractor, Foremost Electric, has installed all of the low voltage conduit and boxes for the security contractor, phone contractor, furniture contractor, locker contractor, and the A.V. Contractor. They have installed all of the convenience outlets, and outlets for the Departments equipment. They are currently installing all of the lighting fixtures in the suspended ceiling grid and circuits for the switches and lights.

Owners Consultants:

Lothrop Associates, Architect: Is on-site bi-monthly to attend construction meetings. They have also been onsite to give direction when unforeseen conditions are uncovered during construction. Calgi Construction consults with Lothrop on a daily basis. Lothrop has also prepared an engineered set of documents for public bidding for the car port.

ESS Tower Service: Has been onsite to install new antenna mounts and to bring the antenna up to current safety standards. They were also brought back on site to raise the antenna 18 inches to accommodate the roof insulation and to make maintenance inspections possible. They reinforced the antenna mounting brackets and filled the cinderblock walls with grout to accept reinforcement. They will be back on site to install antenna grounding when the roof is finished.



Hahn Engineering: Has been onsite to witness the installation of the water service line and to witness water service line pressure test. They attend periodic site meetings and answer all RFI's pertaining to site work as they arise. Hahn has reviewed all test results as they pertain to the installation of site structures and utilities. They have been onsite consistently during the installation of subsurface structures and utilities. They have been on site to witness the installation of curbing along route 117. Additionally Hahn has reviewed coring's taken from existing asphalt, originally meant to remain, to determine if the asphalt was acceptable to mill and leave in place.

Special Testing Laboratory: Has been onsite to inspect rebar installation, mortar & grout strength, compaction of fill material, and the fluid applied air barrier thickness. STL has inspected the structural steel, truss installation, cold formed metal framing, and all poured in place concrete on site.

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Bell Furniture: Has been on site to coordinate the layout of the furniture and placement of outlets and low voltage terminations.

Sullivan Data: Coordinated and presided over multiple low voltage meeting with the low voltage contractors. They provided preliminary and revised coordination drawing as well as a finalized coordination drawing. They installed the low voltage wire and are currently installing the server racks in the IT room.



Front Runner: Has attended coordination meetings and has been in contact with Calgi Construction for camera placement and door security lay out. They have provided preliminary and updated drawings for device installation, and are expected to mobilize on site in the next month.

Inner Space systems: Has coordinated tactical and evidence locker design and installation with Lothrop Associates and Calgi Construction. They have provided initial and revised drawings for installation.



Looking Ahead:

Verdi Construction: In the month to come Verdi will: fill and grade the asphalt parking areas with sub-base material; install conduit for the gate controllers; pave the driveways and parking areas; then complete the installation of the fence and gates. Verdi will also: finish installing the roof; finish the wall coverings; painting; trim; and ceiling tile. When Verdi is finished with the ceiling grid and paint, they will install the floor coverings.

Vamco Sheet Metal: Vamco is to finish their wall penetration for ducting, and complete a small amount of ducting. They will be installing the control wiring and thermostats once the ceiling grid is up. Additionally Vamco will install the wall and ceiling registers and grills. Once the electrician energizes the Roof Top Units, the Vamco will start up the Units and balance air flows.

Mengler Mechanical: The Plumbing Contractor will be on site to install the gas lines once the roof is completed. They will also start to install the plumbing fixtures as soon as all wall finishes are complete.

Foremost Electric: the Electrical Contractor will finish installing the light fixtures in the ceiling grid. They will install the outlets and switches when the wall finishes are complete. They will also install the main distribution panel, then install the subpanels, pull all the circuits into the panel, and terminate cable in the breakers. Additionally they will ground the building steel to the panels.